

Presence of Antibodies Against Their Own
Tumor in the Serum of Cancer Patients, by
J. Parigot, Fanny and Jean Lacour, 9 pp.

1'
FRENCH, per, Bull/Association Francaise
Cancer, Vol XLV, No 4, 1958, pp 454-459.

NIH 10-14-60

Sci - Med
Dec 60

133,915

Transmissible Malignant Tumors of the Mouse,
Provoked by the Injection of Preparations
Containing Ribonucleic Acid. Biological and
Histological Study, by J. Harel, J. Huppert,
P. Lacour, J. Lacour, 18 pp.

PIRENCH, per, Bulletin de l'Association
Française pour l'Etude du Cancer, Vol XLVI,
No 1, 1959, pp 75-91.

NIH 1-9-60

107 514

Sci - Med
Feb 60

Guerin, M.
PULMONARY TUMORS AND BUCCAL CANCER IN
RATS SUBJECTED TO INHALATION OF CIGARETTE
SMOKE. [1962] 24p.
Order from K-H \$50.00

K-H 9728

Trans. of Association Fr[ançaise pour l'Etude du]
Cancer. Bull[etin] 1959, v. 46, Apr/June, p. 295-309.

DESCRIPTORS: *Tumors, Lungs, *Cancer, Mouth,
Rats, *Cigarettes, Smokes.

(Biological Sciences--Pathology, TT, v. 8, no. 10)

62-22423

- I. Guerin, M.
- II. K-H-9728
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Guerin, Maurice and Cuzin, Jean.
CUTANEOUS TESTS IN THE MOUSE FOR DETER-
MINING THE CARCINOGENIC ACTIVITY OF CIGA-
RETTE SMOKE TARS. [1962] 13p.
Order from K-H \$16. 25 K-H 11279-g

Trans. of Association Francaise pour l'Etude du
Cancer. Bull[etin] 1961, v. 48, p. 112-121.

DESCRIPTORS: *Skin, *Cancer, Etiology, *Cigarettes,
*Tobacco, *Smokes.

(Biological Sciences--Pathology, TT. v. 8, no. 4)

62-17365

63-16696

- I. Guerin, M.
- II. Cuzin, J.
- III. K-H-11279-g
- IV. Kreege-Hooker Science
Library Associates,
Detroit, Mich.

SLA 63-16696

Office of Technical Services

Comparison of the Bronchopulmonary Cancer Caused
in the Case of the Mouse by the Tar of Cigarette
Smoke with the Human Cancer, by R. Kourilsky.
FRENCH, per, Bull Assoc Fr l'Etude Cancer,
Vol 51, 1964, pp 243-267,
*AEC

Sci/B&M
Jul 69

62-20244

Duchaufour and Bonneau.
A NEW METHOD FOR ANALYZING ASSIMILABLE
PHOSPHORUS IN FOREST SOILS. [1962] 6p. (refs.
omitted).
Order from SLA \$1.10

62-20244

Trans. of Association Française pour l'Étude du Sol.
Bulletin 1959, v. 4, p. 193-198.

DESCRIPTORS: *Colorimetric analysis, *Phosphorus,
*Forestry, *Soils, Fertility.

(Agriculture--Plant Cultivation, TT, v. 9, no. 12)

I. Duchaufour
II. Bonneau

Office of Technical Services

Comparative Study in Milk and Casein of Isolated Bacteria in Mazamet-Type Sweating Rooms and of a Number of Enzymes Used in the Tanning Industry, by J. Prevot.

FRENCH, per, Bulletin de L'Association Francaise des Ingenierus, Chemistes et Techniciens des Industries du cuir, Vol. 24, No. 9/10, 1962, pp 249-330.

Sci -
Aug 67

335-978

Order from NTC

BULLETIN DES ASSOCIATIONS FRANCAISES DES
PROPRIETAIRES D'APPAREILS A VAPEUR
1938 V19 N74 P197-210 71-23026 (*)

Determination of the Best Conditions for Dewaxing,
Operations on Filter Presses, by Braun, Raguidan,
12 pp.

FRENCH, per, Bull Assoc Franc Tech Petrole, No 87,
1951, pp 53-64; C. A. Vol XLV, 1951, 793P.

AMS

Sci

Aug 59

95,332

order from NTC

BULLETIN DE L'ASSOCIATION FRANCAISE DES
TECHNICIENS DU PETROLE
1952 N°1 P23-41 70-23670 (9)
1962 N°12 P243-304 70-11311-11F

Use of Centrifugal Pumps in Connection With
Mixing, Sand Removal, Mud Production, and
Supercharging Problems, 16 pp.

FRENCH, per, Bulletin Association Francaise des
Techniciens du Pétrole, No 133, 1959, pp 43-61.

ATS-91135F

Sci

Apr 61

146,205

61-25359

Trambouze, Y.
ACIDIC CATALYSTS AND THEIR USE IN THE
TRANSFORMATION OF HYDROCARBONS. [1961] 11p.
Order from ATS \$14.95 ATS-35N53F

Trans. of Assoc[iation] Franc[aise des] Techniciens
[du] Pétrole: ~~Bulletin~~ 1961, no. 145, p. 59-72.

DESCRIPTORS: *Hydrocarbons, Acids, *Catalysts,
Chemical reactions, Transformations.

(Chemistry--Organic, TT, v. 6, no. 9)

I. Trambouze, Y.
II. ATS-35N53F
III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/798-FJ

185569

Office of Technical Services

INSULATING OILS FOR TRANSFORMERS. [1961]

14p.

Order from ATS \$22. 10

ATS-70NS3F

Trans. of Assoc[iation] Franç[aise des] Techniciens
[du] Pétrole. Bulletin 1961, no. 146, p. 259-272.

DESCRIPTORS: *Transformers, Lubrication, *Oils.

(Materials--Lubricants, TT, v. 7, no. 2)

61-25654

I. ATS-70NS3F
II. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/784-FJ

115328

Office of Technical Services

Memorandum Concerning the Removal of Salt from
Maritime Canals, by J. Lomoen, E. Mertens,
J. Swine.

FRENCH, Academie royale de Belgique, Bulletin
de la Classe des Sciences, Vol XXVII, 5th Series,
1951, pp 784-791.

OCH 52-3

Sci - Engineering

30,950

Comparative Study in Milk and Casein of Isolated
Bacteria in Mazamet-Type Sweating Rooms and of
a Number of Enzymes used in the Tanning Industry,
by J. Prevot.

FRENCH, per, Bulletin de L'Association Francaise
des Ingenieurs, Chemistes et Techniciens des
Industries du Cuir, Vol 24, No 9/10, 1962,
pp 30-249
CSIRO/No 6864

Sci -
Jul 67

334,218

order from NTC

BULLETIN DE L'ASSOCIATION FRANÇAISE DES CHIMISTES
DES INDUSTRIES DU CUIVRE ET DOCUMENTS SCIENTIFIQUES
ET TECHNIQUES DES INDUSTRIES DU CUIVRE. (TITRE
VARIÉ)
1962 V20 N°10 P249-300 77-11652-06H (C)

Tests in Vegetation Pots 1964. Factorial Tests Doses
of P_2O_5 x Different Forms of Phosphatic Fertilizers x
Soil Amendments, by F. Fourcassie.

FRENCH, per, Bulletin de L'Association Francaise Pour
l'Etude du Sol, No 12, 1964.

*AFIS TT 72-55104

June 72

Loroué, D. and Paul, G.
RAPID METHOD FOR THE DETERMINATION OF
LOW CONCENTRATIONS OF $Pb(C_2H_5)_4$ IN FUELS.
[1963] 11p.
Order from ATS \$9.75

ATS-78Q69F

Trans. of Assoc[ation] Franc[aise des] Techniciens
(du) Petrole. (Paris) 1963, no. 157, p. 127-138.

DESCRIPTORS: *Quantitative analysis, *Lead com-
pounds, *Ethyl radicals, *Fuels.

(Materials--Fuels, TT, v. 10, no. 5)

63-17738

- I. Loroué, D.
- II. Paul, G.
- III. ATS-78Q69F
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Morphological Notes on the Mai Plateaus of
Fleilat and Darlac (South Annam), by H. Ch.
Roussignol.

FRUECH, par, Bulletin de l'Association de
Geographes Francais, No 126-127, Jan/Feb
1940, pp 46-54.

ACSI J-0994

ID 2204052066

Sci-Behavioral & Social Sci
Dec 66

314,405

An Island in the Cambodian Mekong, by Mr M.
J. Dalvert, 9 pp.

FRANCE, par, Bulletin de l'Association de
Geographes Français, No 237/238, Mar/Apr 1956,
Encl to Reap No 176, Pimou Pouch. CIA 4016398

Dept of State

FR - Cambodia

Geographic - Topography

Economic - Resources, agriculture, input

Jan 57 CES

42,638

The Development of Hydrology in the Rumanian
People's Republic, by C. Diaconu,
V. Dumitrescu, 11 pp.

FRENCH, per, Bulletin de l'Association Inter-
nationale d'Hydrologie Scientifique, 1961,
pp 63-68. (Call No GR551, B93, V6, No 2,
E Tr)

AMS

Sci
Engr
Sep 61

166,902

Icing of Turbojet Engines, by J. Delhaye, 53 pp.

FRENCH, per, Bulletin de l'A.I.A., No 1, 1957,
pp 23-53.

ATTN: F-TS-9351/V

Sci - Engineering
Jun 58

65, 621

Pituitary, the Anti-gas hormone. Its Use in Abdominal X-ray Diagnosis, by A. Jutras and A. Cantero, 4 pp.

FRENCH, per, Bull Assoc Med Langue Franc, Vol II, No 61, Apr 1936, 168,

SLA 2816

Sci - Medicine
Mar 58

61, 617

Resonance Therapy of Hypertension, by L. Adamkiewicz,
R. Robillard, L. Tremblay, J. Genest, 12 pp.

FRENCH, per, Bull. de l'Assoc. des Med. de Langue
Francaise du Canada, Vol LXXXIII, Oct 1954,
p 1007.

S.L.A. Tr 1835

Sci - Medicine
Apr 57

46,952

Improving the Continuity of Supply of Rural
Networks: Automatic Re-Switching of HV Lines,
by A. Roth.
FRENCH, per, Bull. Assoc. Suisse Elect., Vol 31,
20 Sept 1940, pp 413-416.
CEGB-1142

June 71

La posibilidad de la energía, by
F. J. García

CHANCE, par, Bull Assoc Suisse des Electriciens,
REVUE Vol XVIII, 1941, pp 437-480.

Int'l Res Council Canada TR 97

Electricity
All CUB/DEK Price 0.25

14,987

Zwistocki-Moscicki, J.
RADIO TRANSMISSION BY IMPULSE MODULATION.
[1962] 8p. (figs. formulae omitted).
Order from SLA \$1.10

63-10053

Trans. of Association Suisse des Electriciens.
Bulletin 1945, v. 36, no. 15, p. 459-460, 533-534.

DESCRIPTORS: *Radio transmission, *Pulse modulation, Frequency modulation, Radio signals, *Radio transmitters, *Facsimile transmission.

(Physics--Wave Propagation, TT, v. 9, no. 12)

63-10053

I. Zwistocki-Moscicki, J.

Office of Technical Services

62-18395

Hottinger, M.
ELECTRICAL SPACE HEATING. 27 May 47, 10p.
(figs., tables refs. omitted).
Order from SLA \$1.10

62-18395

Trans. of Assoc[ation] Suisse des Electriciens.
Bulletin 946 [v. 37] no. 11, p. 291-298.

DESCRIPTORS: Heating plants, *Heaters, *Electricity,
Heat transfer.

(Engineering--Electrical, TT, v. 9, no. 6)

I. Hottinger, M.

Office of Technical Services

63-10052

Zürcher, M.
TESTS ON ELECTRIC INSULATING MATERIALS FOR
WIRE AND CABLE INSULATION. [1962] 5p. (figs.
omitted).
Order from SLA \$1.10

63-10052

Trans. of Association Suisse des Électriciens.
Bulletin, 1947 [v. 38] 28 June, p. 374-377.

DESCRIPTORS: *Electric insulation, *Electric cables,
*Electric wire, Insulating materials, Test methods.

(Engineering--Electrical, TT, v. 9, no. 10)

I. Zürcher, M.

Office of Technical Services

Metallized Paper Capacitors, by H. Elsner.

FRENCH, per, Bull Ass Suisse Elect, Vol XLIII^E,
No 18, Sep 1952, pp 721-727. [43E]

TPA3/TIB
T 4147

Wibur - Switzerland
Sci - Electricity
CRS 75/Dec 55

29,332

**Nondestruction Testing of Ceramic Insulators With
Ultrasonics, by F. Neubauer, 3 pp. UNCLASSIFIED**

French
**GERMAN, F., Bulletin de Association Suisse des
Electriciens, Vol XLIII, No 22, 1952, pp 914-915.**

ATIC F-TS-8292

Scientific - Electricity

CIA 2515113

CTS/DEX 12,237

The Contact Problem in Communication
Engineering, by A. Spalti, 23 pp.

FREEMAN, per, Bell Assoc Suisse Elec, Vol
XLIII, No 25, 1952, p 1059-1074.

SLA 57-2518

Sci

Aug 58

69, 758

Impulse Measurement by Means of Rectifiers in a
Peak Voltage Measuring Circuit, by E. De Gruyter.

FRENCH, per, Bull Association Suisse
des Electriciens, Vol XLV, No 3, 1954, pp 61-70.

GB/29/39461/CT

Sci
Dec 62

THE PATH OF WATER DROPLETS DURING DRYING OF
Insulators, by H. Klay. UNCLASSIFIED

FRENCH, par, Bull de l'Assoc Scienc
Electriciens, Vol XLV, No 17, 1954, pp 693-696.

DSIR/31554/CF

Sol - Engr, electrical
Sep 58

73, 840

The Swiss Nuclear Reactor, by W. Halg, 6 pp.
UNCLASSIFIED

FRENCH, par, Bull. de l'Association Suisse des
Electriciens, 22 Jan 1955, Encl to R-250-55,
OARMA, Switzerland, CIA D-217521.

24,358

It
ID 1277248

WEur - Switzerland
Scientific - Nuclear Physics Jun 55 CTS

Self-Compensating Special Measuring Instruments,
by H. Blumberg.

FRENCH, per, Bull Assoc Suisse Elec, Vol XVI,
1955, pp 721-725.

INDDOC-T1020

Sci
Apr 59

84,777

The Development of Measuring Instruments in the
Post-War Period, by G. Indani.

FRENCH, per, Bull Assoc Suisse Elec, Vol XLVI,
1955, p 873-878

INDOC-T1819

Sci

Jul 59

92,532

Modern Methods of Control With Mutators for Heavy
Drives, by R. Zwicky.

FRENCH, per, Bulletin Association Suisse des
Electriciens, No 3, 1956, pp 197-199.

BISI 1698

Sci - Electron

Sep 60

127,197

Thermonuclear Reactions as a New Source of
Energy, by A. Krons, 18 pp. UMCL

FRENCH, par, Bull de l'Assoc Suisse des
Electriciens, Vol XLVIII, 1957, pp 273-282.
5043233

ACSIL 1014

Sci - Nuc Phys
Nov 59

100,481

Recent Developments in Alkaline Batteries, by
J. Piguet.
FRENCH, per, Bulletin l'Association Suisse des
Electriciens, Vol 49, No 5, 1958, pp 179-180,
189-190.
NAVY/APL/JHU-T-2654

Nov 72

On the Determination of the Electric Strength
of Impregnated Insulating Materials, by H.
Kappeler,

FRENCH, par, Bulletin Association Suisse Des
Electriciens, Vol XLIX, pp 381-392. 1958

C.B.I.R.O.

Sci

May 60

116,097

Journal of Improving the Flexibility of Financial
and Credit, by R. Lecher, 16 pp.

Journal

FINANCE, per, Association Suisse des Electriciens.
Vol. 1, 1953, pp 400-412.

SIA 59-19612

Sci

Jan 60

Vol 2, No 7

104,635

Determination of Tracking Resistance of Organic
Insulating Materials, by K. Michel, M. H.
Killedump, 30 PD.

FINNCH, per, Bulletin de l'Association Suisse
des Electriciens, No 11, 1959.

FDD X-4117

Sol. - Inger

Royer and Roger, Inc

Feb 60

108786

Electrostatic Voltmeters for high voltages,
Flatt, 22 pp.

FRENCH, per, Bull Assoc Suisse Electriciens, Vol L,
1959, pp 890-897.

AEC SCL-T-399

Sci - Electricity
May 62

196,812

Immediate Reclosure and Its Practical Effects,
by E. Trumpy.

FRENCH, per, Bullentin Association
Suisse des Electriciens, No 17, 1960,
pp 813-818. Aug 1960.

NZDIA

Sci
Dec 62

Protective Measures in Switzerland During Work
on High and Low Tension Installations, by
E. Homburger.

FRENCH, ~~paper~~ Association Suisse des Electriciens,
Bulletin, 1961, pp 1029-1034.

NZDIA

Scl-Ing'r
Aug 63

Introduction to the Regulations for Moisture
and Water Treatment for Testing Electrical
Equipment, in View of Trials, by E. Ganz.
FRENCH, per, Bulletin de l'association
Suisse des Electriciens, Vol 54, 1903,
April 20,
NZDIA

Sci -
Jul 67

334,011

Comparison of the Construction and Characteristics of Metal Film and Carbon Film Resistors, by K. Schar.

FRENCH, per, Bulletin de l'Association Suisse des Electriciens, Vol LV, No 21, 1964,

pp 1059-1065. 9232033

UCRL Tr 1289(L)

AEC 1149(L) 9232212

Sci + Elec

Mar 66

296,542'

Prophylaxis of Dental Decay by Fluoride Tablets;
First Results, by A. J. Held, F. Piguet, 14 pp.

FRENCH, per, Bull. de l'Ac. suisse des sciences,
Vol X, No 3/4, 1945, pp 249-259.

MIN 316

Scientific - Medicine

33,525

Prophylaxis of Dental Decay by Fluoride Tablets;
First Results, by A. J. Held, F. Piguet, 14 pp.

FRENCH, per, Bull. de l'Ac. suisse des sc. med.,
Vol X, No 3/4, 1945, pp 249-459.

WH 316

Scientific - Medicine

33,525

order from NTC

BULLETIN DE L'ASSOCIATION TECHNIQUE MARITIME ET
AERONAUTIQUE
1963 N63 P183-199 70-11581-13J <0>

Studies on Casting of German Silvers, by Hallay
and R. Chevy, 13 pp.

FRENCH, par, Bull Assoc Tech Fonderie, Mar
1937, pp 112-1136.

SEA 57-2311

Sci1

Aug 58

71, 690

Foundry Technique for Brass, Bronze and German
Silver, by M. Dardinger, 19 pp.

FRENCH, per, Hull Assoc Tech Fonderie, Jun 1937,
pp 208-215.

SIA 57-1117

Sci - Min/Met

Feb 58

58,440

A Crystalline Nitrolignin, by P. Traynard,
A. Robert.
FRENCH, per, Bulletin Association Technique
de l'Industrie Papetiere, Vol 5, No 7,
1951, pp 401-405.
NTC 69-12647-11L

Sci-Nat
Aug 69

389,469

Irregularities of Differentiation and
Lignification of Cambial Tissue of Vari-
ous Tree Species Cultivated in Vitro,
by C. Jacquiot.

FRENCH, per, Bulletin Association Tech-
nique de l'Industrie Papetiere, Vol 6,
No 1, 1952, pp 13-17.
NTC 69-12609-06C

Sci-B&M

4

Berthier, Rene. A PROCESS OF COOKING MARITIME PINEWOOD IN THE PRESENCE OF SODIUM POLYSULFIDES. [1960] (35) p. 7 refs. Order from SLA m\$3.00, ph\$6.30 61-10714 Trans. of Association Technique de l'Industrie Papetiere, Bulletin (France) 1953, no. 4, p. 93-106. 151829 (Materials--Wood, TT, v. 5, no. 9)	61-10714 1. Wood pulp--Processing 2. Sodium sulfides-- Applications 1. Berthier, R. Office of Technical Services
--	--

Tixhon, M. FOAMS IN PAPER MANUFACTURE. [1960] [6]p. 10 refs. Order from SLA mi\$1.80, ph\$1.80 61-10293 Partial trans. (p. 23-26) of Association Technique de l'Industrie Papetiere. Bulletin (France) 1955 [no. 1] p. 22-26. 148,488	61-10293 1. Paper--Production 2. Wood pulp--Impurities 3. Foaming inhibitors--Applications 1. Tixhon, M.
(Materials--Paper, TT, v. 3, no. 7)	Office of Technical Services

The Structural Discontinuities of Natural Fibres.
Lamellar Structure of Wood Fibres and Differentiation of
of a Tertiary Wall, by H. Bucher, 21 pp.

FRENCH, per, Bull Assoc Tech Ind Papeterie, No 4, 5,
1955, pp 95-104.

SLA Tr 2369

Sci - Chem

53,137

Sep 57

Influence of the Speed of Testing on the
Result of the Determination of the Tensile
Breaking Strength and Burst of Paper, by
J. Frensch, 5 pp.

FRENCH, per, Bull ASEP, No 8, 1956, p
33.

SLA Tr 7-1723

Sci

Jul 58

67,940

Notes on the Standardisation of Opacity Measurement
in Paper, by R. Seve, 7 pp.

Association des Papeteries
FRENCH, per, Bull A.T.I.P., No 2, 1956, p 56.

SIA 58-287

Sci

Aug 59

94, 196

The Physical Properties of Wood and Their Effect on
the Sale of Pulpwood and Chemical Pulp Manufacture, by
A. Villiers, 14 pp.

FRENCH, per, Bull Assoc Technique de l'Industrie
Papetiere, No 3, 1956, pp 67-77.

SLA 59-10006

Sci - Chem
Sep 59
Vol 2, No 1

97,754

Sizing of Writing Paper, A Study of Testing
Methods and Inks Used, by P. Richard, 11 pp.

FRENCH, per, Bulletin Association Technique de
l'Industrie Papiers, No 4, 1956, pp 106-112.

SIA 60-18185

146,105

Sci

Apr 61

The Microscopical Analysis of Paper Fillers,
by J. Chieaverina, 5 pp.

FRENCH, per, Bull Association Technique de
l'Industrie Papetiere, No 3, 1957, pp 90-97.

SLA-59-10442

Bel - Chen
Dep 59
Vol 2, No 1

97,436

Contribution to the Identification of High Polymers
in Paper by Infra-Red Spectrography, by A. Robert,
O. Martin-Borret, 9 pp.

FRENCH, per, Bulletin Association Technique de
l'Industrie Papetiere, No 6, 1958, pp 195-203.

SLA 60-14137

Sci - Physics
Vol III, No 9
Jun 60

120,826

Bleaching and Oxidative Degradation
Application to Bleaching by Sodium
Hypochlorite of Sulfate Pulps From Sea
Pine, by P. Monzie, D. Monzie, H.
Racour, 18 pp.

FRENCH, per, Bulletin Assoc Tech de
l'Industrie Papetiere, No 1, 1979,
pp 32-45.

ATS-80136W

188,831

Sci
Mar 62
Vol. IV, No 2

63-10913

Renard, J.
THE INFLUENCE OF HUMIDITY ON PRINTING
PAPERS. Jan 63, 28p. (figs. omitted) 5 refs.
Order from SLA \$2.60 63-10913

1. Renard, J.

Trans. of Association of Technique de l'Industrie
Papeterie, Bulletin (France) 1959, no. 4, p. 201-214.

DESCRIPTORS: *Humidity, Printing, *Paper, *Hygrom-
eters, Control, Measurement, Test methods

(Materials--Paper, TT, v. 9, no. 12)

Office of Technical Services

Chlorine Dioxide and the Bleaching of Kraft
Pulp. Laboratory Investigation on Different Methods
of Preparing the Reagent, by P. Colombo, et al,
15 pp.

FRENCH, per, Bulletin Association Technique de
l'Industrie Papetiere, No 5, 1959, pp 265-275.

SLA 60-18886

Sci

Apr 61

146,101

Willems, P.
THE TREATMENT OF PULP BY KINEMATIC HIGH
FREQUENCY AND ULTRASONICS. Nov 61, 23p. (figs.
refs. omitted).
Order from SLA \$2.60

63-10941

Trans. of Association Technique de l'Industrie
Papeterie, Bulletin (France) 1960, no. 2, p. 66-83.
Another trans. is available from SLA \$2.60 as
61-20185 [1961] 22p.

DESCRIPTORS: High frequency, *Ultrasonics, *Wood
pulp fibers, *Paper industry, Electric currents.

(Materials--Paper, TT, v. 10, no. 1)

63-10941

L. Willems, P.

Office of Technical Services

62-10610

Seve, R.
THE MEASUREMENT OF PAPER GLOSS. [1961]
16p. (23 figs. omitted) 18 refs.
Order from SLA \$1.60

62-10610

Trans. of Association Techn[ique] de l'Ind[ustrie]
Papetière. [Bulletin] (France) 1961, no. 1, p. 37-53.

DESCRIPTORS: *Paper, Luminescence, Reflection,
Measurement, Optical equipment.

A critical investigation of the concept of gloss is undertaken. The part of subjectivity in the evaluation of gloss is recalled. It is then shown that various kinds of gloss exist, which are not evaluated in the same manner. The investigation was restricted to materials such as papers, which do not give apparent specular images. It is shown that the main parameter of gloss is the excess of the luminance factor in the direction of direct reflection over the luminance factor in another direction, where no specular reflection (Materials-Paper, TT, v. 7, no. 11) (over)

1. Seve, R.

Office of Technical Services

Seve, R.
WHITENESS TESTING OF SHEETS CONTAINING
FLUORESCENT DYES. [1961] 10p. 15 refs.
Order from SLA \$1.10 62-10609

Trans. of A[sociation] T[echnique de] [i]l[l]ustrie
P[apetiere], Bull[Bulletin] (France) 1961, no. 2,
p. 132-139.

DESCRIPTORS: *Paper, *Fluorescent dyes, Color-
imetry, *Colorimetric analysis, Ultraviolet radiation,
Test methods.

Modern research on the measurement of whiteness by
a single quantity is first reviewed, and the need for
extending such research to materials containing fluo-
rescent dyes is shown. The work was undertaken by
means of a Zeiss precision colorimeter. Measure-
ments were made on a range of papers dyed with
known and increasing amounts of a fluorescent dye.
(Materials--Paper, TT, v. 7, no. 11) (over)

62-10609

1. Seve, R.

Office of Technical Services

62-16496

I. Jacquelin, G.

Jacquelin, G.
AN INVESTIGATION OF THE FLOCCULATION OF
MOVING FIBROUS SUSPENSIONS. 17 May 62, 25p.
(17 figs. omitted) 13 refs.
Order from SLA \$2.60

62-16496

Trans. of A[ssociation] T[echnique de l'] I[ndustrie]
P[apetière]. Bulletin (France) 1961, no. 4, p. 287-304

DESCRIPTORS: *Paper, *Wood pulp fibers, Mechan-
ical properties, Temperature, Additives, Sulfate
pulp, Wood pulp, Processing, Sulfites.

(Materials--Paper, TT, v. 8, no. 9)

Office of Technical Services

63-10530

Petroff, G. and Normand, D.
THE RELATIONSHIP BETWEEN THE MORPHOLOGIC
FEATURES OF THE FIBRES OF A FEW TROPICAL
HARDWOODS AND THEIR PAPERMAKING PROPER-
TIES. [1962] 20p. (figs. omitted) 17 refs.
Order from SLA \$1.60

63-10530

Trans. of Ass[ociation] Technique de l'Industrie
Papetiere. Bull[etin] (France) 1961, no. 5, p. 353-371.

DESCRIPTORS: Wood, Wood pulp, *Wood pulp fibers,
*Paper industry, Tropical regions, Statistical
functions.

(Materials--Wood, TT, v. 9, no. 9)

I. Title: Hardwoods
I. Petroff, G.
II. Normand, D.

Office of Technical Services

62-16211

Colombo, P., Corbetta, D. and others.
A LABORATORY STUDY OF TWO-STAGE COOKING
OF SOFTWOODS. Paper presented at XIV Congress,
Cannes, 29 May-3 June 61. [1962] [23]p. 11 refs.
Order from SLA \$2.60 62-16211

Trans. of Association Technique de l'Industrie
Papetiere]. Bulletin (France) 1961, no. 5,
p. 404-424.

DESCRIPTORS: *Wood pulp, Processing, Black
liquor, Physical properties, Sulfites.

The following two-stage cooks were studied: (z) sodium
bisulphite and sodium monosulphite, (b) sodium bi-
sulphite and buffered sodium monosulphite, (c) sodium
bisulphite and sodium monosulphite + soda, and (d)
sodium bisulphite and kraft. The results were com-
pared with those of conventional cooks: (1) sodium sul-
phite at pH 2.0 to 8.5, (2) soda, and (3) kraft. The
pulp from two-stage cooks have properties between
those of acid sulphite and kraft pulps. (Author)

I. Colombo, P.
II. Corbetta, D.

(Materials--Wood,
TT, v. 8, no. 8)

Office of Technical Services

62-20189

Pfulg, P.
PROGRESS IN PAPER AND BOARD DRYING TECH-
NIQUE. [1962] 16p. (figs. omitted) 11 refs.
Order from SLA \$1.60 62-20189

I. Pfulg, P.

Trans. of Association Technique de l'Industrie
Papeterie. Bulletin (France) 1961, no. 6, p. 480-496.

DESCRIPTORS: *Paper, *Fiberboard, Driers
(Apparatus).

The Author explains the relationship between factors affecting the output of drying sections and the quality of the products, and then reviews the process of dehydration from the forming table and smoothing presses up to conditioning. The influence of the structure of the sheet on apparent drying defects is compared with the effects actually due to drying on the final characteristics of paper and board. Many methods of conditioning, humidification, and obtaining uniform moisture content are considered and illustrated. (Author)

(Materials--Paper, TT, v. 9,
no. 10)

Office of Technical Services

63-18789

Colombo, P., Corbetta, D., Pirotta, A., and
Ruffini, G.
TWO STAGE COOKING OF CONIFEROUS WOOD.
II. BEATING OF LABORATORY PULP. [1963] [29p]
4refs
Order from SLA \$2.60 63-18789

Trans. of Association Technique de L'Industrie
Papetiere, Bulletin (France) 1962, no. 16, p. 370-386.

DESCRIPTORS: *Wood pulp, Processing, Black liquor,
Mechanical properties, Sulfites, Bleaching.

The paper is concerned with the beating of the bleached
and unbleached pulps produced by cooks on 15 kgs of
wood. The bleaching of all the pulps was done in three
stages: chlorine - alkali wash - calcium hypochlorite
to a brightness of 70% (Photovolt). The total chlorine
was calculated from the lignin content. This bleaching
(Materials--Wood, TT, v. 10, no. 12) (over)

I. Title: Beating
I. Colombo, P.
II. Corbetta, D.
III. Pirotta, A.
IV. Ruffini, G.
V. Title: Beating ...

Office of Technical Services

Histology and Papermaking, by H. Chiavering.
FRENCH, PER, Bull. Assoc. Tech. de l'Ind. Pap.,
Vol 18, No 3, 1964, pp. 114-119.
NLL Ref: 5828.4F (N. 7580)

sci-mat
sept 69

399,240

Steam Heating of Oil Tanks, by G. Et Caben, P. Bain-
UNCL

FRENCH, per, Bulletin L'Association Technique Maritime
et Aeronautique, Vol L, 1951.

Navy Tr 2834/BuShips 742

2
WE - France
Mil
Jul 61

160,690

Analysis of the Losses in the Different
Parts of a Centrifugal Compressor, by
J. Le Harach. UNCL

FRANCE, per, Bull Ass Tech Mir Aero, Vol LVII,
1958, pp 585-610.

TEL T 3074

Sai - Aero
May 60

116,367

Timoshenko's General Theory of Elastic Buckling,
by G. Salent,
FREEMAN, par, Bulletin Association Technique
Maritime et Aeronautique, No 64, 1964, pp 205-
220.

* Dept of Navy/DIMS Tr-T-336

Sci-Phys
Feb 67

3

Diameter and Form of the Lunar Disk, by
Stanislas Chevallier.
FRENCH, per, Bulletin Astronomique, Vol XXXIV,
1917, pp 5-28.

ACIC

TC-1187

Sci-Earth Sci & Astron

April 64

255,661

XX

XX

The Diameter and Form of the Lunar Disk,
Second Paper, by Stanislas Chevalier.

FRENCH, per, Bulletin Astronomique, Vol XXXIV,
1917, pp 161-168.

ACIC

TC-728

Sci-Earth Sci & Astron

April 64

255,662

Photometric Theory of Lunar Eclipses, by M. P. Link

FRENCH, par, Bull Astronomique, Vol VIII, pp 77,
1932,

C.S.I.R.O. 104
University of Melbourne
Languages Section, Faculty of Sci

Sci

May 60

115167

The Position of the Zodiacal Light in Space, by
M. N. Dorritch.
FRENCH, par, Bulletin Astronomique, Vol 17, 1953,
pp 97-105.
NASA TT R-11,533

GOVERNMENT USE ONLY
Sci/Astron & Astrophys
Apr 68

351,417

New Studies of the Position of the
Zodiacal Light in Space, by
M. N. Donitch.

GOVERNMENT USE ONLY

FRENCH, per, Bulletin Astronomique,
Vol 20, 1955, pp 15-26.

NASA TT P-11,534

Sci/Atmos Sci
Oct 68

368,991

Luminous Variations of the Moon, by F. Lind,

6 pp.

FRENCH, par, Bull. of Astron. Institute of
Czech. Vol 2, 1931, pp 131-133.

GOVERNMENT USE ONLY

PSIC-760

WE

Sci/Astronomy

April 68

342,497

On the Phenomenon of the Impact of Lunar Projectile,
by F. Link, 10 pp.

CZECH, per, Bull Astron Inst of Czech, Vol XI, No 3,
1960, pp 113-118.

CIA/FDD XX-1186
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Jun 62

201,240

USIB INTERNAL USE ONLY

Drach, P.

1944

Preliminary study on the moult cycle and its hormonal regulation in Leander serratus (Pennant) (Étude préliminaire sur le cycle d'intermue et son conditionnement hormonal chez Leander serratus (Pennant))
Bulletin Biologique de la France et de la Belgique, 1944, 40-2. In French.

Transl. by Transl. Svc., Dept. Fisheries and Forestry, Ottawa, Ontario, for FRAC Biological Station, St. Andrews, N.S., 1971, as Transl. Series No. 1744, 3 p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

~~NDI 5-32-64~~

Sci. & Biol. & Med
Jul 64

262,218

Research on the Determinism of Bilateral
Symmetry in the Egg of Amphibians, by
P. Ancel, P. Vintemberger.
FRENCH, per, Bulletin Biologique de la France
et de la Belgique, Vol 31, 1948, pp 1-24.
-NASA TT F-11,271

GOVERNMENT USE ONLY
Sci-B&M
Dec 67

Genetic Study of Two Types of Pigmentation
in *Culex Autogenicus* Roubaud, by
S. Ghelelovitch, 16 pp.

FRENCH, per, Bull Biol de France et de
Belgique, Vol LXXXIV, No 3, 1950,
pp 217-224.

NIH

Scientific - Biology
CTB 70/Jul 55

25,543

Genetic and Physiological Study of Mutant Z
of *Drosophila Melanogaster*, by Madeline Gans,
85 pp.

FRENCH, per, Bulletin Biologique de la France et
de la Belgique, 1953.

SLA 59-15477

Sci
Vol 2, No 6
Dec 59

104,241

CR-32

(DC-3905)

Machine Translation and Applied Linguistics, by
Emile Delavenay, 15 pp. FOR OFFICIAL USE ONLY

FRENCH, per, Bulletin des Bibliothèques de France,
Vol IV, No 12, 1979, pp 531-546.

JPRS 3853

Sci - Misc

CONFIDENT

Oct 60

128,807

Accidental Parthenogenesis in *Locusta migratoria* L,
by J. Bergerard, J Seuge.
FRENCH, Bulletin Biologique de la France, Vol 93,
1959, pp 13-31
CSIRO/ No. 6518

Sci -
July 1967

333,966

New Ecological Research on Marine Wood Borers,
by F. Deschamps. 27 pp.

FRENCH, par, Bulletin Biologique de la France
et de la Belgique, Vol 77, No 4, 1963,
pp 583-604.

Dept of Navy NHC tr 2967

Sci-IBM
Feb 70

401,671